

**LOW POWER FUSE STRUCTURE AND
METHOD FOR MAKING THE SAME**

ABSTRACT

A fuse comprises a silicide element disposed above a substrate, a first terminal contact coupled to a first end of the silicide element, and a first metal line disposed above the silicide element and coupled to the first terminal contact. The fuse further comprises a plurality of second terminal contacts coupled to a second end of the silicide element, and a second metal line disposed above the silicide element and coupled to the plurality of second terminal contacts. The silicide element has a sufficient width that a programming potential applied across the first and second metal lines causes a discontinuity in the first terminal contact.